SPECIFICATION

Please amend paragraph beginning at page 13, line 5, as follows:

In particular, Fig. 5 shows an exemplary auxiliary coding embodiment implementing auxiliary data (e.g., a local station ID) coded by BPSK (Binary Phase Shift key) modulation by time division. Auxiliary coding is implemented as an additional sequence before the otherwise conventional home network frame. The auxiliary coding sequence may be transmitted by the same radio frequency (RF) front end as is the Home PNA network frame, preferably with a silence period **500b** inserted between the auxiliary coding (e.g., the BPSK data **500a**) and the Home network data frame **900**. Alternatively, the auxiliary coding sequence may be transmitted by a first RF front end while the network frame is transmitted by a second RF front end different from the first RF front end.